MOBILEBROADBANDKITS.COM

MBK™
MOBILE BROADBAND KIT

INTEGRATED
MOBILE BROADBAND SOLUTIONS

MBK-50

The MBK-50 is an intelligently designed portable 4G/LTE networking system configured with dual embedded LTE Advanced 600 Mbps 4G LTE modems. These modems support worldwide, SIM-based, auto-carrier selection. The MBK-50 provides both 802.11 wireless and ethernet networking options.

The MBK-50 is integrated into a mil-spec case with a custom storage locker. The unit is powered by the 4K Rugged Power Center LifePo4 battery power management system which provides an estimated 5 - 6 hours of run time.

MBK-50i (Integrated)

- Antenna RF ports and two ethernet ports extend to the exterior of the case.
- Designed to utilize external antenna systems.

MBK-50fi (Fully Integrated)

- Internal OEM antenna mounting/storage.
- Two ethernet ports extend to the exterior of the case.
- Designed to operate as a close-lid solution.

Combat Proven

Search and Rescue

Flood Operations

Emergency Management

Police and Fire Operations

FEMA Operations

National Guard

Humanitarian Assistance

Military Operations

Construction Sites

Disaster Preparedness

Airfield Operations

SPECIFICATIONS

Devices/Users: 50-80+

Battery: 12.8v 8 AH (100 Watt hour) LiFePO4 bank - TSA Compliant

Dimensions: 17.8" x 10.2" x 6.2" Pelican 1485 Case

Weight: 20 lbs

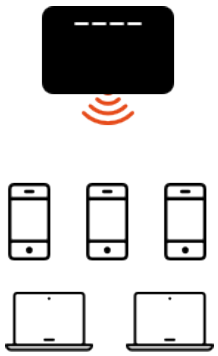
Run Time: 5 - 6 hours (estimated)

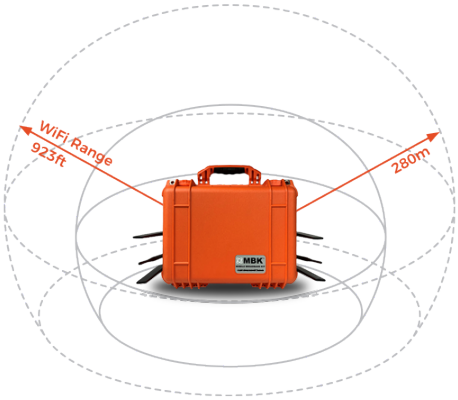
Charging: 14-18 VDC input from the AC to DC inverter, 10-16 VDC from car charger and accept up to a 60 watt solar panel. The included wall charger will charge the system in 4 hours or less.

Modem: Optional Band 14 FirstNet Ready™ and Band 48 CBRS (Private LTE) MC400 modem is also available.

AS USED BY: PEO C3T, WIN-T, U.S. AIR FORCE, U.S. ARMY, EMA, AIRBORNE, FEMA

Typical Mobile Hostpot	MBK-50	MBK Range
3 to 5 users at one time	20 to 50+ devices at one time	





Effective Range: 923ft/280m
Link multiple units to create expansive mobile broadband WiFi networks

Maximize your cellular broadband services • Designed for rapid-rollout connectivity in the most challenging environments

MBK-50 VARIANTS

MODEL	NETWORKS	DEVICES	RANGE	ANTENNA	BATTERY
MBK-50i	Dual Carrier (Dual Modem)	50+ Devices	923ft/280m	External	5 - 6hrs
MBK-50fi	Dual Carrier (Dual Modem)	50+ Devices	923ft/280m	Internal	5 - 6hrs

COLORS AVAILABLE

YOUR LOCAL RESELLER

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